



U.S. ENVIRONMENTAL PROTECTION AGENCY 1/83

Danville Plating Company Danville, Illinois

Immediate Removal Report





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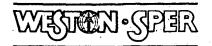
Danville Plating Company Danville, Illinois

Immediate Removal Report

January:::1983

Prepared by WESTON - SPER Technical Assistance Team Northbrook, Illinois

T.D.D. No. 5-8212-2 W.O. No. 234301051012



TO: Mr. William Simes

29 December 1982

FROM: Technical Assistance Team

VIA: Jack Thorsen JWT/(KSS)

RE: Cleanup of Danville Plating Co.

Danville, Illinois

TDD #5-8212-3

On 30 November 1982, the Technical Assistance Team was tasked by the USEPA to monitor the Emergency Action cleanup of the Danville Plating Company in Danville, Illinois. William Simes represented the USEPA on site as acting On-Scene Coordinator. TAT maintained a chronological daily log, completed the CERCLA daily summaries and the 1900-55 forms. Throughout the duration of the project, TAT monitored work progress and advised the OSC and the cleanup contractor in site safety.

The USEPA originally requested the Ecology and Environment, Inc. TAT to monitor the cleanup. The E&E TAT was summoned to Danville on 23 November 1982 and was responsible for monitoring activities until 1 December 1982 at which time Weston TAT arrived on site and assumed its duties.

Petrochem Services, Inc. from Lemont, Illinois was contracted by the EPA to conduct the site cleanup. By I December 1982 all the site drums had been overpacked and prepared for disposal. Approximately twenty vats containing acids, caustics and cyanides had to be decontaminated. All chemical waste was bulked according to compatibility. Cyanide Draeger tubes were used to monitor air quality during the bulking process. Decontamination of the facility was done by use of a hypochlorite solution in conjunction with lime. Runoff was diverted into the facility storm drain. The drain was intercepted outside the facility by a five foot ditch excavated by the contractors; all runoff was removed by a vactuck.

TAT sampled soil at two locations (Fig. 1). The samples were analyzed at the Region V Central Regional Laboratory for cyanides only. Soil Sample #1 showed a concentration of 2,000 ppm CN; soil sample #2 showed a concentration of 900 ppm CN. The samples were analyzed for all cyanides, i.e., free, simple, and complex. At this time no differenciation has been determined between the various types of cyanides.

SITE HISTORY

The Danville Plating Company operated from approximately 1947 to 1982 as a metal plating facility. The company was involved in electroplating such metals as chrome, nickel, copper, and zinc. Metal cyanides were used in the company's electroplating processes, which produced a highly toxic cyanide waste. The facility is located at the northeast corner of Washington Avenue and Fairchild Street in Danville, Illinois. After the facility ceased operation in 1982, the City School Board purchased the property for probable use as a parking lot.

On 9 August, 1982 John Schaffer, County Coordinator for the Illinois Emergency Service Disaster Agency (ESDA), received a citizen complaint about odors eminating from the facility. Mr. Schaffer conducted a site investigation where upon he notified the IEPA and USEPA. On 17 November, 1982, representatives from the IEPA and USEPA conducted a site survey. Based upon the results of the survey, William Simes (USEPA) determined that an emergecy situation existed and immediate removal would be necessary. The CERCLA cleanup comenced on 26 November 1982 and was completed on December 14, 1982.

SOILS

The soils beneath the Danville Plating Company belong to the Blount and Kendall series. These soils are characterized by moderately slow permeability (4.2 xlo to 1.4xlo cm/sec) in the upper 10 inches; permeabilities are generally less between 11 and 60 inches. Clay content in the upper 20 inches averages approximately 30%. The soils were formed in loess and silty material overlying moderatly coarse glacial till.

The profile from the ditch dug on the west edge of the building intercepting the building drainage indicates 2 feet of grey silty clay soil overlying approximately 3 feet of medium to fine grained sand and gravel. Groundwater (or perched water) was not encountered at any level in the ditch.

An area of approximately 10 square feet, directly south of the building where drums had been staged, was excavated with a bobcat to a depth of approximately 1 foot. The soil was mixed with lime and a chlorine bleach solution in an effort to neutralize the cyanides. The lime was added as a buffer to limit the immedidate reaction between the soil and the chlorine. Organic material comprised approximately 6 to 9 inches of the top foot of soil excavated.

SUMMARY

By the end of the cleanup, a total of 108 drums had been removed from the site; 2,600 gallons of caustics and 1,800 gallons of acids were removed by vac trucks. The total amount of decontamination water used was 1,300 gallons. On 13 December 1982 the building was demolished by Petrochem under contract with the City School Board.

Doug Ballotti

Kenin Microsol Kevin Pierard DAILY LOG

DANVILLE PLATING CO., CLEANUP Danville, Illinois

DAILY LOG

Wednesday - 1 December 1982

Proposed work for today:

Decontaminate walls and floor of west room and collect wash water. Decontaminate containers, debris and wood in east room and collect washwater. Remove debris and wood from building.

Weather: Overcast, intermittent drizzle, 55-60°F

- 0800 TAT and Petrochem work crew arrive.
- 0830 Mr. Schaffer of ESDA arrives. Clean-up of cyanide crystals and sludges begins.
- 0900 TAT, in level "C" protection, takes Drager tube readings for cyanide outside and inside the building with negative readings. Bleach solution is sprayed on ceiling, walls and floors. Decontaminated wood is placed outside building.
- 1000 Geoff Langley of IEPA arrives.
- 1030 Harold Caldwell of the School Board and Raymond Scarce, building supt. for the School Board arrives.
- 1045 TAT and OSC discuss estimated time schedules and costs relative to site.
- 1050 Caldwell and Scarce leave the site.
- 1105 Sediment sample analysis confirms presence of cyanide in soils.
- 1115 Acid test done on wood by G. Langley, cyanide readings are under TLV, wood is considered non-hazardous. TAT in Level "C" protection.
- 1140 TAT in level "C" enters building to inventory lab wastes.
- 1215 TAT completes lab waste inventory.
- 1220 Larry Lessen, owners attorney, arrives on-site.
- 1230 TAT takes Drager tube readings for cyanide at edge of building where chlorine solution was sprayed, all results are negative.

- 1245 Larry Lessen leaves site.
- 1300 OSC leaves site.
- 1330 TAT surveys the neighborhood to verify accuracy of the safety plan.
- 1355 Mr. Vanader, owner, arrives.
- 1410 TAT, in Level "C", removes lab bottles for Mr. Vanaders inspection.
- 1415 Mr. Schaffer and Ed Gielow (ESDA) arrive, Mr. Vanader leaves.
- 1420 Schaffer & Gielow leave site.
- 1425 G. Langley and TAT take 1 soil sample at south doorway Level "D".
- 1435 TAT and Langley sample just inside west doorway, at level "C" protection.
- 1450 TAT and Langley re-enter west end to take additional soil sample.
- 1510 Petrochem begins boarding up building.
- 1530 TAT and Langley enter building at level "B" to sample sludge in cyanide vat and liquid from another vat.
- 1525 Petrochem crew leaves site.
- 1610 TAT leaves site.

Performance of Contractor

Wood around vats was dismantled and decontaminate. The walls, floor and ceiling of the building was decontaminated with chlorine solution. Cyanide crystals and sludge were removed from building area.

Future Work

Continue the removal of the sludge and the dismantling of the vats.

EPA/TAT personnel on-site

W. Simes, OSC

- J. Stofferahn, TAT
- M. Henke, TAT
- G. Langley, IEPA

Thursday, 2 December 1982

Proposed work for Today:

The acid solution in the vats will be pumped by Envirite labs. Estimated quantity 1000-1500 gallons. The sludge and debris will be drummed.

Weather: Partly cloudy, 60° F, breezy

- 0800 TAT arrives at site, Petrochem is already on site. A rolloff truck from Ducketts Disposal has arrived, decontaminated wood and cinder blocks are being loaded.
- 0820 Envirite tank truck arrives to load acids.
- 0845 G. Langley, IEPA, and Bill Simes, OSC, arrive. TAT is requested to monitor sludge removal with Draeger tubes.
- O915 Langley Simes and TAT monitor the loading of acids into the Envirite tanker with cyanide Draeger tubes. Simes and Langley monitor inside atmosphere around vats while TAT monitors exhaust vent from tanker, level "C" protection worn.
- 1000 TAT notices slight fuming from tanker exhaust pipe. First Draeger reading is negative, second cyanide Draeger indicates 1 ppm. Draeger reading approximately 15 yards downwind is negative.
- 1100 All acid has been pumped into tanker. Tanker leaves site. Rolloff box with general refuse also leaves site at this time.
- 1200 New rolloff box arrives for general refuse. TAT works on revisions to site safety plan.
- 1330 At Bill Simes request TAT performs acid tests on vats which have been removed from the building. Two vats indicate low levels of cyanide using Draeger tubes. These vats are classified non hazardous by Geoff Langley (IEPA) and allowed to be removed as general refuse. TAT was in Level "C" for acid tests.
- 1445 TAT inventories lab bottles on bill of lading. Mr. Newmiester takes lab bottles with material in them Empty bottles are consolidated with sludge.

- 1530 G. Langley (IEPA) leaves site. Petrochem completes placing vats into rolloff box and boards up building.
- 1600 TAT and Bill Simes leave site.

Performance of Contractor:

General refuse was removed and disposed of. Acids were pumped into an Envirite tanker and removed. Lab bottles were inventoried; bottles containing chemicals were sent to Newmister Plating Company. Caustic sludges from floor were drummed and placed outside building. Vats previously removed from building were placed in dumpster.

Future Work: (The site will be secured for the weekend,) sludges from acid vats will be neutralized and general refuse from the west room will be removed.

EPA/TAT personnel on site:

Bill Simes, OSC Jeff Stofferahn, TAT Mark Henke, TAT G. Langley, IEPA

Friday - 3 December 1982

Proposed work for today:

Acid vat sludges will be neutralized and solidified. Removal of general refuse will continue. Site will be secured for the weekend.

Weather: cloudy, wet, 60° F

- 0800 TAT arrives at site. Petrochem crew and Bill Simes are on site.
- 0930 The hole in the floor at the west end of the building is cleared and chlorine solution poured into it to decontaminate the building drainage path.
- 1130 All acid vats are emptied and cleaned out and all drums are secured. Workers board up building.
- 1200 A load of vats are removed.
- 1300 TAT secures from site.

Performance of Contractor:

Building drainage path was decontaminated and remaining

determined that all drum contents could be placed in caustic tanker. Contractor took samples of vats and drums for analysis. Cleaned and neutralize floor with chlorine solution, runoff was pumped into vac truck. Contractors cleaned four vats with chlorine solution and water.

Future work:

Continue cleaning and acid testing vats.

EPA/TAT Personnel on site:

- B. Simes, OSC
- K. Pierard, TAT
- D. Ballotti, TAT

Tuesday - 7 December 1982

Proposed work for today:

Clean vats with chlorine solution and water, acid test vats for cyanide, collect solids from vats in overpacks with lime and chlorine solution.

- Weather: Partly cloudy, 34°F, winds from northwest 2-5 mph.
- 0800 TAT arrives on site, prepares paperwork, prepares for vat acid tests, level "B" protection.
- 1025 TAT checks vat with Draeger, Draeger reacted. TAT donned SCBAs, vat is recleaned and then acid tested.
 Last Draeger reading indicates 2 ppm.
- 1115 TAT checks fifth vat today, heavy reaction on cyanide Draeger.
- 1230 TAT checks another plating firm in Danville for RCRA compliance before possibly sending product, zinc cyanide from the cleanup site to that facility. In TATs opinion the firm did not appear reliable or capable of compliance. TAT recommended that the product be sent eleswere.
- 1330 Two of the vats that have been cleaned are being given to a local plating company (Newmister Plating, Tilton, Il) It has been decided that the building will be demolished after the cleanup. All costs for demolition will be incurred by the City School Board.

- 1405 Upon request from G. Langley (IEPA), TAT observes Petrochem opening an overpacked drum containing fiber drum of product, zinc cyanide, for the purpose of obtaining any information from the fiber drum to assist in finding a company to take the product.
- 1515 Bill Simes decides he will have to request additional funds for completion of project.
- 1530 TAT decontaminates.
- 1600 Tat secures site.

Performance of Contractor

Contractors cleaned and removed four vats from facility and placed them in dumpster. Two vats were unable to be cleaned thouroughly due to high cyanide concentrations. Two vats were given to local plating company.

Future Work:

Clean and test remaining vats and decontaminate building.

EPA/TAT personnel on site:

- B. Simes, OSC
- K. Pierard, TAT
- D. Ballotti, TAT

Wednesday, 8 December 1982

Proposed work for today:

Remove solid waste from remaining vats and put waste into drums with chlorine and lime. Monitor drums for cyanide caused by reaction with chlorine solution. Clean and neutralize vats and acid test vats for cyanide.

Weather: Sunny, 28°F, falling temperature throughout day.

- 0800 TAT arrives on site.
- 0825 B. Simes asks TAT to breakdown costs since the beginning of the project for "Polrep". Contractors remove and clean acid vats.
- 0915 Contractor begins cleaning large vat with chlorine

solution reaction gives off cyanide building was evacuated

- 1000 TAT dones SCBAs and goes into building to monitor air with Draeger tubes, contractor put waste from vats into drums and buffers chlorine solution with lime No reaction
- 1145 Contractors can not move large vat. They cut one side of the vat and begin shoveling out crystal waste and place it in drums with lime
- 1325 Bill Simes leaves site
- 1400 G. Langley of IEPA phones to say he has found a plating Firm in Chicago to take zinc cyanide product Petrochem will deliver it to Chicago Modern Plating 3029 W. Rockwell
- 1520 Contractors spread lime on floor of building to buffer any possible reaction of caustic and chlorine
- 1600 TAT secures site.

Performance of Contractor:

The majority of the day was spent removing the largest vat from the building The vat was two thirds full of solid waste Violent caustic/chlorine reaction was produced in neutralization of waste lime was added to raise the pH producing a less violent reaction. The vat was cleaned and removed from building contractor spread lime on the floor of the building

Future work:

Clean and neutralize floor and building walls acid test floor.

EPA/TAT personnel on site.

- B. Simes OSC
- D. Ballotti TAT
- K. Pierard TAT

Thursday, 9 December 1982

Proposed work for today:

Complete cleanup of building and acid test floor for cyanide Begin decontamination of equipment Acid vats were emptied and cleaned, drums containing sludge were secured.

EPA/TAT personnel on-site:

- B. Simes, OSC
- M. Henke, TAT
- J. Stofferahn, TAT

Monday, 6 December 1982

Proposed work for today:

Compatibility study on drums, vats will be cleaned and acid tested for cyanide. Take samples from drums and vats, clean and neutralize floors with chlorine solution and collect runoff.

Weather: Sunny, 39°F, winds from the northeast at 3-5 mph.

- 1145 TAT arrives and begins site survey. Petrochem and Bill Simes (OSC) are on-site. TAT dons Level "C" protection.
- 1220 TAT checks drums with cyanide Draeger tube while Petrochem does compatibility study. pH test done on drum samples.
- 1225 TAT checks vacuum truck vent with cyanide Draeger.
 Petrochem continues to remove caustics from drums into vac truck.
- 1400 Caustics tanker leaves site with approximately 2600 gallons. Vac truck moves in to pump out building drainage hole.
- 1500 TAT acid tests vat for cyanide. Negative reaction.
- 1520 Last two vats of four tested have positive cyanide reactions on Draeger. These vats are taken back into building for additional cleaning.
- 1525 TAT ran out of acid for acid testing vats.
- 1600 TAT decontaminates and secures site.

Performance of Contractor:

Contractor did compatibility study on drum contents and

- 0800 TAT arrives on site
- O820 Contractor removes drums and last vat from building and begins decontamination of building and floor
- 0910 TAT does acid test on the floor in center of building Results were 3 4 ppm cyanide Level "B" protection worn
- 1010 TAT performs acid tests in east and west sections of building In east section results are 8 ppm around large vat area only other readings in east section are approximately 2 ppm In west section 9 ppm is indicated around the drain area Contractors will continue to decontaminate highly cyanide contaminated areas
- 1155 Contractors complete decontamination of building and begin decontamination of equipment
- 1230 Contractors mix soil from area south of east section of building with water and chlorine Excavation was made 1-2 feet deep. Soil material below the organic layer appeared to be clay material probably of low to moderate permeability
- 1330 Contractors load drums on a truck and continue soil treatment
- 1410 Contractors continue to remove deconed equipment from site
- 1600 TAT secures site

Performance of Contractor:

Contractors completed clean up of building using lime and chlorine and water rinse Contractor decontaminated and began packing away equipment Soil south of the building was treated with chlorine

Future work:

Take soil samples from area south of building

EPA/TAT personnel on site:

- B Simes OSC
- D Ballotti TAT
- K. Pierard TAT

Friday - 10 December 1982

Proposed work for today:

Decontaminate and remove equipment

Weather: Overcast, rain, 38°F, winds from NE.

0800 TAT arrives at site.

0845 Envirite vac-truck leaves site.

0940 TAT and B. Simes sample two locations on-site; south of building, No. 1 and west of building, No. 2. Samples will be analyzed for cyanide.

1230 TAT leaves site.

Performance of Contractor:

Completed decontamination of equipment and remove equipment from site.

Future work:

Remove remaining drums for disposal

EPA/TAT personnel on site:

B. Simes, OSC

K. Pierard, TAT

D. Ballotti, TAT

Monday - 13 December 1982

Proposed work for today:

Complete removal of drums on site.

Weather: Sunny, 30°F

1155 TAT arrives at site - drums have been removed and the building is being demolished. All debris is being removed.

1545 TAT leaves site.

Performance of Contractor:

Removed drums for disposal.

Future work:

None

TAT Personnel on site:

K. Pierard, TAT

WESTON - SPER SAFETY PLAN

WESTON SPER

Region	v	
Date	12/1/82	
TDD#	5-8212-2	

SAFETY PLAN

A. <u>1</u> 1	ncident	: Description
	1.	Location DANVILLE PLATING CO. 2. Date 12/1/82
		DANVILLE, ILLINOIS
	3.	Type: Spill // Fire // HW Site /x/ Other
	4.	StatusEmergency action Clean-Up
	5.	Response Objectives Assist OSC in Clean-Up of Acid, Caustic &
		Cyanide vats.
·	6.	Background Review: Complete // Partial /X/ If partial, why? Relatively new site
	7.	Hazard Level: High $/x/$ Moderate $//$ Low $//$ Unknown $//$ Inhalation $/x/$ Ingestion $//$ Contact $/x/$ External $//$
•	8.	Site Plan/Sketch, Attached Yes /x/ No //
	9.	Background Material attached Yes $\overline{//}$ No $\overline{/x/}$
B. <u>M</u> a	terial	<u>Description</u>
	1.	Type: Liquid $/\overline{X}$ Solid $/\overline{/}$ Sludge $/\overline{X}$ Vapor/Gas $/\overline{/}$
	2.	Chemical Name/Class Acid, Caustic, Cyanide
	_3.	Characteristics: Corrosive $/X/$ Ignitable $//$ Volatile $//$ Toxic $/X/$ Reactive $//$ Biological Agent
		Cyanide Toxicity: TLV Small quantities can be IDLH PEL - 5mg/m ³ air.
	5.	Special Hazards Mixture of acid, & Cyanide will be deadly
	6.	Acute Exposure Symptoms <u>Eye & throat irritation</u> , dizziness, breathing
		may be difficult.

•			
••			
c. <u>Sit</u>	e Des	cription	
	1.	Size 100' x 100'	
	2.	Surrounding Population	Residential
	3.	Buildings/Homes Highly	residential, high school across street.
•	4.	Topography Gradually sl	ope to east
	5.	Receiving WatersSewe	er System
	6.	Weather Cold; Avg. temp	o. 25 - 40°F.
	7.	Unusual Features	
•			
	8.	Site History Abandone	ed Plating Operation
	-		
			•
D. Pers	onnel	Protection	
	1.	Entry Level of Protect	ive clothing: $A / / B / X / C / / D / /$
	2.		re working on vats inside building
	3.	Site Instrument Reading	gs:
. •			% LEL
		Radioactivity OVA	HNU
	4.	Up or Down graded to:	p or downgraded: Yes /X/ No // A / / B /X/ C // D // ed high readings of CN- were recorded.
		Actual Change:	
	_		
·	5.	Respirator Protective	Equipment:
÷		SCBA <u>Yes</u> Gas Mask	Canister Type Yes
		Ultra Twin Dust Mask	Cartridge Type
	6.	Protective Clothing:	
	-	SCBA	Disp. boots Steel-toed work boo
		Full face cannister	Disp. gloves
	•	Disp. suits	Hard hat
		- 	-2-

٠.	. 7.	Field Monitoring	Equipment and Materia	als:		
		Draeger types		•		
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Ε.	`Decontar	nination Procedure	5			•
				_		•
	1.		owing Exclusion Zone, numerically labelled			one,
	2.	For each decontar on an attachment	mination station note page.	procedure and m	naterials ne	eede d
_	_					
•	General	Information				•
	1.	Team members				
		Mark Henke	Week #	Kevin Pierard		 .
	Week #	Jeff Stofferahn		Doug Ballotti	·	
	2.	Site Safety Coord	linator <u>Mark Henke/</u> I	Doug Balloti		· · ·
i.	Emergeno	y Information				
	1.	Have hearby peopl		Yes /// No	<u>/x/</u>	
	2.	First Aid Instruc	tions <u>Inhalation</u> - mov	ve to fresh air,		,
		Ingestion- Dilute	with water.			<u> </u>
		Skin & eye - Flus	h with water.		_	
		· · · · · · · · · · · · · · · · · · ·			·	
	3.	Sources of help	·			
			Name	Town	Phone	Notified Yes No
		Fire	Danville Fire	Danville	911	X
		Police	Danville Fire	Danville	911	X
		Ambulance	Danville Fire	Danville	911	X
		Hospital	ma E Lon			
		Poison Infor Airport	mar I OU	Danville 44	2-4624	X
		Heliport		same as above		
		Site Telepho	ne		(217) 431–82	84
			phone Site or High So			
		Vermillion C			431-60	10 X

Emergency Telephone Numbers

WESTON Hot Line WESTON NPO P. B. Lederman - NPM S. M. Gertz - HSO Medical Emergency EPA - ERT Emergency Chemtrec Central Disease Control National Pesticide Medical Emergency

215-524-1925 or 1926 215-431-0797 or 0798 or 692-3030 201-665-0359 (Home) 215-667-5461 (Home) 513-421-3063 (National Service) 201-321-6660 800-424-9300 404-329-3311 (day) 404-329-3644 (night) 800-845-7633 (Regional Service)

Date

		Prepared by Date Approved by Date	Stoffershing 11-30.8 ft KALE 2-14-82
For HSO	Use Only)	•	•
	Reviewed and Comments		
	Action Required? Yes // No	/// If yes, what a	ction
	Followup, carried out? Date		

S. O. Signature



DATE_ SUBJECT

REPORTED_

TO_

Petrochem Services Inc. P.O. Box 337 • Lemont, Illinois 6O439 • (312) 257-5875

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DAILY CERCLA SUMMARIES

Dativ	51 IMMARY	CCDCIA	CLESNILD

Date: 11-29-82 Time Commenced Work: 0830

Time Completed Work: 1800

Facility:

Danville Plating Company

Contractor(s):

Petrochem

Type of Personnel: 2-Superintendents, 1-Supervisor, 3-Operators, 1-Laborer

Equipment Utilized: Utility truck, air compressor, decontamination trailer,

2-Personnel Vehicles, Vacuum truck, Bobcat, Level "C" protective equipment - 2 sets/day/man, Drum Cart, 250' Air/water hose,

25-Recovery drums, 2-Air diaphragm pumps, 125' Suction discharge hose,

2-Generators with lights.

Scope of Work Completed:

Mobilization; building was opeed up for light and ventilation, Liquids in vats on west side of building were pumped out and material was solidified, cyanide drum was put into a recovery drum and packed

with vermiculite.

Residents downwind were evacuated during solidification. One resident Mr. Lockhart, refused to leave and was warned that he was remaining at his own risk. Electrical lines to building were cut after it was discovered that there was still power going to the building.

Future Plans:

Wash down and removal of empty vats and debris in west side of building. The floor will be scraped and washed down in west side. Disposal options of materials in east side of building will be decided.

Date: Time Commenced Work: Time Completed Work: 1630 Facility: Danville Plating Company	
Danville liacing Company	<u> </u>
Contractor(s): Petrochem	_ <u></u> _
Type of Personnel: 2-Superintendents, 1- Supervisor, 3-Operators,	
2- Laborers.	
Equipment Utilized: Equipment van. Utility truck. Air compressor. Decontamination tra	ler.
2-Personnel vehicles. Vacuum truck, Bobcat, Level""C" protective	
equipment. 2-sets/day/man, Drum cart, 250' Air/water hose,	
25- Recovery drums, 2-Air diaphragm pumps, 125' suction discharge	hose
2-Generators with lights.	
Scope of Work Completed: Sludges in vats were solidified and put into drums. Empty vats a	nd
debris were decontaminated and removed from west side of building	·
Floor in west side was scraped. Floor in middle room was washed o	lown.
Wash water was sucked into vacuum truck.	
Comments: A composite sample of the liquids in east room was sent to CECOS/G	CER
who may take them to their landfill in Calumet.	
	·
Fyture Plans: of floor in west room removal and washdown of debris in	
east room.	

DAILY SUMMARY CERCLA CLEANUP	
Date: 12-1 Time Commenced Work: 0800 Time Completed Work: 1530	
Facility: Danville Plating Co.	
Contractor(s): Petrochem Environ Consultant Lab	
Subcontractors: Danville Aux. Police, Envirite Lab.	<u> </u>
Type of Personnel: 1- Field Siperintendent, 1- field Supervisor, 1- Tech, 5-Laborers	
Fouipment Utilized: Vac Truck #270, #6 van, pickup truck #9, Grand Prix, #7 Vehicle, Dec	cor
trailer, Van #377, Air compressor (rented), High pressure Blaster,	
Bobcat, scaffolding, 2" Double Dia pump, hose, air hose, generator	
& lights.	
Scope of Work Completed: Petrochem dismantled the wood planks around the vats then de-conned	
them for disposal. The building (walls, ceiling, floor) was deconn	ed_
with a Hypochlorite solution. The cyanide crystals and sludge was	
removed from the building area.	
Comments:	
Future Plans: Continue the removal of the sludge and the dismantling of the vats.	

DAILY SUMMARY CERCLA CLEANUP
Date: Time Commenced Work: Time Completed Work: 12-2-82 0800 1600
Facility: Danville Plating Co.
Contractor(s): Petrochem
Type of Personnel: 1-Field Supervisore, 1-Field Superintendent, 1-Technician, 5-Laborers
Equipment Utilized: Van #6, Vac truck #270, Pickup truck #9,transportation vehicle,
Vehicle #7, Decon trailer, Van #377, Air compressor, Mixer, Pump,
Bobcat, 2" Double Dia Pump, 6sec-hose, 6sec-hose, 7-Respiratory
systems, scaffolding, generator 7 lights.
Scope of Work Completed: The acid vats were pumped and disposed by envirite labs. The
municipal waste (wwod planks, etc.) was hauled away by Duckett Disposal
A partial load of vats have been loaded for disposal.
Comments: A bill of materials was drawn up for Newmeister Plating Co.,
who recieved approximately 25-30 different bottles of solutions
used in the plating industry,
Future Plans: Once the lab analysis of the caustics is known the disposal route
can be determined. (bulked or solidified). The sewer hole in the
building will be widened and hypochlorite solution will be poured
in to decontaminate the ground water.

Date: 12-3-82 Time Commenced Work: 0800 Time Completed Work: 12-3-82 Time Commenced Work: 1300 Facility: Danville Plating Co. Contractor(s): Petrochem I vae of Personnel: 1-Technician, 1-Field Superintendent, 5-Laborers. Equipment Utilized: Vac truck #270, #6 Van, pick up truck #9, Transportation vehicle. Vehicle # 7, Decon trailer, Van #377, Air compressor, Mixer, scaling, pump, Bobcat, 2" Double Dia pump, 12-sec hose, 7 Respiratory systems, Generator & lights. Scope of Work Completed: The site was properly secured for the weekend, general maintenance the site was continued. Hypochlorite solution was placed in buildrain to act as ground decontamination. Comments: Site was secured at 1300 which allowed petrochem a 3-4 hour trip	
Date: 12-3-82 Time Commenced Work: 0800 Time Completed Work: 1300 Facility: Danville Plating Co. Contractor(s): Petrochem Jype of Personnel: 1-Field Superintendent, 5-Laborers. Equipment Utilized: Vac truck #270, #6 Van, pick up truck #9, Transportation vehicle. Vehicle # 7, Decon trailer, Van #377, Air compressor, Mixer, scaling, pump, Bobcat, 2" Double Dia pump, 12-sec hose, 7 Respiratory systems, Generator & lights. Scope of Work Completed: The site was properly secured for the weekend, general maintenance the site was continued. Hypochlorite solution was placed in buildrain to act as ground decontamination.	
Date: 12-3-82 Time Commenced Work: 0800 Facility: Danville Plating Co. Contractor(s): Petrochem Type of Personnel: 1-Field Superintendent, 5-Laborers. Equipment Utilized: Vac truck #270, #6 Van, pick up truck #9, Transportation vehicle. Vehicle # 7, Decon trailer, Van #377, Air compressor, Mixer, scaling, pump, Bobcat, 2" Double Dia pump, 12-sec hose, 7 Respiratory systems, Generator & lights. Scope of Work Completed: The sire was properly secured for the weekend, general maintenance the site was continued. Hypochlorite solution was placed in buildrain to act as ground decontamination.	
Date: 12-3-82 Time Commenced Work: 0800 Facility: Danville Plating Co. Contractor(s): Petrochem Iyes of Personnel: 1-Field Superintendent, 5-Laborers. Equipment Utilized: Vac truck #270, #6 Van, pick up truck #9, Transportation vehicle. Vehicle # 7, Decon trailer, Van #377, Air compressor, Mixer, scaling, pump, Bobcat, 2" Double Dia pump, 12-sec hose, 7 Respirator, systems, Generator & lights. Scope of Work Completed: The site was properly secured for the weekend, general maintenance the site was continued. Hypochlorite solution was placed in buildrain to act as ground decontamination.	
12-3-82 0800 1300 Facility: Danville Plating Co. Contractor(s): Petrochem Iyps of Personnel: 1-Technician, 1-Field Superintendent, 5-Laborers. Equipment Utilized: Vac truck #270, #6 Van, pick up truck #9, Transportation vehicle Vehicle # 7, Decon trailer, Van #377, Air compressor, Mixer, scaling, pump, Bobcat, 2" Double Dia pump, 12-sec hose, 7 Respiratory systems, Generator & lights. Scope of Work Completed: The site was properly secured for the weekend, general maintenance the site was continued. Hypochlorite solution was placed in buildrain to act as ground decontamination.	
12-3-82 0800 1300 Facility: Danville Plating Co. Contractor(s): Petrochem Iyps of Personnel: 1-Technician, 1-Field Superintendent, 5-Laborers. Equipment Utilized: Vac truck #270, #6 Van, pick up truck #9, Transportation vehicle Vehicle # 7, Decon trailer, Van #377, Air compressor, Mixer, scaling, pump, Bobcat, 2" Double Dia pump, 12-sec hose, 7 Respiratory systems, Generator & lights. Scope of Work Completed: The site was properly secured for the weekend, general maintenance the site was continued. Hypochlorite solution was placed in buildrain to act as ground decontamination.	
Danville Plating Co. Contractor(s): Petrochem Iype of Personnel: I-Technician, 1-Field Superintendent, 5-Laborers. Equipment Utilized: Vac truck #270, #6 Van, pick up truck #9, Transportation vehicle. Vehicle # 7, Decon trailer, Van #377, Air compressor, Mixer, scaling, pump, Bobcat, 2" Double Dia pump, 12-sec hose, 7 Respiratory systems, Generator & lights. Scope of Work Completed: The site was properly secured for the weekend, general maintenance the site was continued. Hypochlorite solution was placed in buildrain to act as ground decontamination.	
Iype of Personnel: I-Technician, 1-Field Superintendent, 5-Laborers. Equipment Utilized: Vac truck #270, #6 Van, pick up truck #9, Transportation vehicle. Vehicle # 7, Decon trailer, Van #377, Air compressor, Mixer, scaling, pump, Bobcat, 2" Double Dia pump, 12-sec hose, 7 Respirators systems, Generator & lights. Scope of Work Completed: The site was properly secured for the weekend, general maintenance the site was continued. Hypochlorite solution was placed in buildrain to act as ground decontamination. Comments:	
Equipment Utilized: Vac truck #270, #6 Van, pick up truck #9, Transportation vehicle. Vehicle # 7, Decon trailer, Van #377, Air compressor, Mixer, scating, pump, Bobcat, 2" Double Dia pump, 12-sec hose, 7 Respiratory systems, Generator & lights. Scope of Work Completed: The site was properly secured for the weekend, general maintenance the site was continued. Hypochlorite solution was placed in buildrain to act as ground decontamination. Comments:	
Equipment Utilized: Vac truck #270, #6 Van, pick up truck #9, Transportation vehicle. Vehicle # 7, Decon trailer, Van #377, Air compressor, Mixer, scating, pump, Bobcat, 2" Double Dia pump, 12-sec hose, 7 Respiratory systems, Generator & lights. Scope of Work Completed: The site was properly secured for the weekend, general maintenance the site was continued. Hypochlorite solution was placed in buildrain to act as ground decontamination. Comments:	
Equipment Utilized: Vac truck #270, #6 Van, pick up truck #9, Transportation vehicle. Vehicle # 7, Decon trailer, Van #377, Air compressor, Mixer, scating, pump, Bobcat, 2" Double Dia pump, 12-sec hose, 7 Respiratory systems, Generator & lights. Scope of Work Completed: The site was properly secured for the weekend, general maintenance the site was continued. Hypochlorite solution was placed in but drain to act as ground decontamination. Comments:	
Vac truck #270, #6 Van, pick up truck #9, Transportation vehicle. Vehicle # 7, Decon trailer, Van #377, Air compressor, Mixer, scatting, pump, Bobcat, 2" Double Dia pump, 12-sec hose, 7 Respiratory systems, Generator & lights. Scope of Work Completed: The site was properly secured for the weekend, general maintenance the site was continued. Hypochlorite solution was placed in but drain to act as ground decontamination. Comments:	
Vac truck #270, #6 Van, pick up truck #9, Transportation vehicle. Vehicle # 7, Decon trailer, Van #377, Air compressor, Mixer, scatting, pump, Bobcat, 2" Double Dia pump, 12-sec hose, 7 Respiratory systems, Generator & lights. Scope of Work Completed: The site was properly secured for the weekend, general maintenance the site was continued. Hypochlorite solution was placed in but drain to act as ground decontamination. Comments:	
ing, pump, Bobcat, 2" Double Dia pump, 12-sec hose, 7 Respiratory systems, Generator & lights. Scope of Work Completed: The site was properly secured for the weekend, general maintenance the site was continued. Hypochlorite solution was placed in builder to act as ground decontamination. Comments:	
ing, pump, Bobcat. 2" Double Dia pump, 12-sec hose, 7 Respiratory systems, Generator & lights. Scope of Work Completed: The site was properly secured for the weekend, general maintenance the site was continued. Hypochlorite solution was placed in buildrain to act as ground decontamination. Comments:	ffold-
systems, Generator & lights. Scope of Work Completed: The site was properly secured for the weekend, general maintenance the site was continued. Hypochlorite solution was placed in buildrain to act as ground decontamination. Comments:	
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Comments: Site was secured at 1300 which allowed petrochem a 3-4 hour trip	
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Comments: Site was secured at 1300 which allowed petrochem a 3-4 hour trip	·
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Future Plans: Removal of the caustic material by either bulking or solidificat:	
	ion.
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DAILY SUMMARY CERCLA GLEANUP
Date: Time Commenced Work: Time Completed Work:
T
Facility: Danville Plating Co.
Contractor(s): Petrochem
Type of Fersonnel: - 1-Technician Supervisor, 1-Field Supervisor and 6- Laborers.
Equipment Utilized: #270 Vac truck, #6 van, #9 pick up truck, Buick, #6 vehicle, Decon
trailer, #377 van, air compressor, mixer, scaffolding, pump, Bobcat, Double Dia pump 2", 6 sec-hose. air hoses (6), respiratory system,
generator & Lights, draegers.
Scope of Work Completed: Contractors did compatability study on drum contents and determined
that all drums contents could be placed in caustic tanker. Contractor
took samples of vats and drums, for analysis. Samples contained
crystals and sludges. Contractors cleaned and neutralized floor with
bleach; runoff was pumped into tankers. Contractors cleaned 4 vats wit
Comments: bleach and water. TAT acid tested vats for Cn and produced two
positive results. Those vats were removed and cleaned again.
Future Plans: Continue cleaning and acid testing vats.

DAILY SUMMARY CERCLA CLEANUP				
Date: Time Commenced Work: 12-7-82 0730 Time Completed Work: 1530				
Facility: Danville Plating Co.				
Contractor(s): Petrochem Services, Inc.				
Type of Personnel: 1-Technician Supervisor, 1-Field Supervisor, 6-Laborers				
Equipment Utilized: Truck #270, Van #6, Pickup #9, Buick, Vehicle #7, Decon trailer, Van				
#377, air compressor, mixer, scaffolding, pump, Bobcat, Double Dia				
pump, 2" hoses, 6sec-vac., airhose, respiratory systems (7),				
Generator and lights, draeger.				
Scope of Work Completed: Contractor cleaned and removed four vats from facility and placed				
them in dumpster. Two vats were unable to be cleaned thouroughtly				
due to high Cn contamination in metal. TAT went Level "B" during				
acid tests due to Cn levels. Two vats were given to local plating				
firm.				
Comments:				
Future Plans: Clean and test remaining vats and decontaminate building.				

		DAILY SUMMARY CE	RCLA CLEANUP		
Pate: 12-8-82	Time Comms	enced Work: 0730	Time Co	ompleted Work:	1600
acility:	anville P	lating Co.	_		
Contractor(s):					
	etrochem	Services, Inc.	·		
yps of Person 1-Field S	nel: upervisor	, l-Technician Su	pervisor, 6	Laborers	
				·	
quipment Util Truck #27	ized: O, Van #6	, pickup #9, Vehi	icle #7, Deco	on trailer,	van #377,
air compr	essor, mi	xer, scaffolding,	pump, Bobca	at, Double o	lia pump,
hoses, ai	r hose, r	espiratory system	ıs, generator	& lights,	Draeger.
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Contracto	Completed: rs spent	the majority of t	he day attem	opting to re	emove the
largest v	at from t	he building, The	vat was 2/3	full of so	olid waste.
Violent c	austic/ch	lorine reaction v	as produced	in neutral	ization of
waste in	one of the	e drums. Lime wa	is used to pr	oduce a les	ss violent
reaction.	Cn draeg	er showed positiv	re reaction.	Largest va	at was eventua
ocleaned a	nd remove	d from building,	Lime was sp	read on flo	oor of buildin
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uture Plans:	neutrali	ze floor and buil	ding. Acid t	est floor.	
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	DAILY SUMM	ARY CERCLA CL	EANUP	
Date: 12-9-82	Time Commenced Work:	0730	Time Completed Wo	ork: 1600
Facility:	anville Plating Co.		-	
Contractor(s)	etrochem Services, Ir	ıc.		
			·	
Typs of Person	nel: upervisor, l-Technici	an, 6-Labo	orers	
	ized: O, Van #6, pick up tr compressor, mixer, s			.
	r hose, respiratory s			1
Scope of Work Contracto	Completed:	of buildin	ng floor using l	ime, chlorine,
and water	rinse. Acid tests p	performed o	on floor indicat	ed no more
-	Cn in several areas. Contractors decont			1
the east	section were overture	ned ans ble	eached.	
Comments:				
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Futura Plansi Take Soi	samples from area ov	verturned a	and bleached.	
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	DAILY SUMMARY CERCLA	CLEANUP
^{Dat} f2-10-82	Time Commenced Work: 0730	Time Completed Work: 1600
Facility:	Danville Plating Co.	-
Contractor(s):	Petrochem	
Type of Person 1-Field S	nel: upervisor, 6-Laborers	
Equipment Util Truck #27		#7, Decon trailer, Van #377,
	essor, mixer, scaffolding, pum	and the second of the second o
	piratory systems, generator, d	· -
		
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Scope of Work	Completed: decontamination of equipment a	and wamaya from site
COMPTELE	decontamination of edutament a	and remove from site.
		· · · · · · · · · · · · · · · · · · ·
Comments:		
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Future Plans:	maining drums for disposal.	
Temove re	maining arams for aroposar-	
		
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	DAILY SUMMARY CERCLA	CLEANUP
Dat e: 12-13-82	ime Commenced Work: 0500	Time Completed Work: 1530
Facility: Danv	ille Plating Co.	· .
Contractor(s): Petr	ochem Services, Inc.	
Type of Personnel	: 3- Laborers	
	3- Laborers	
Equipment Utilize Pick up #9,		
Scope of Work Com Drums were 1	oaded onto CECOS truck and	removed from site.
Comments: Building was	demolished and removed. '	This was not at EPA expense.
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Future Plans:		

EQUIPMENT AND EXPENDABLE MATERIALS ENTRY LOGS

£OUIP≻	EQUIPMENT AND EXPENDABLE MATERIALS ENTRY LOG Work Site: Danville Plating Site/Spill No.:					
Date	Time	Equipment or Materials Entering Site	Quantity			
12-1-8	2	EQUIPMENT ON SITE:				
		Vac Truck #270				
•		#6 Van				
		Pickup Truck #9				
		Grand Prix				
		Vehicle #7				
		Decon trailer				
		Van #377				
		Air Compressor (rental)				
		Bobcat				
		Pump				
		Scaffolding				
		2"- Double Dia Pump				
		6 Sec Hose				
		6 Sec Hose				
		Respiratory System				
		Generator & Lights				
						
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EDUIPMENT AND EXPENDABLE MATERIALS ENTRY LOG work Site: Danville Pl Site/Spill No.:					
Date	Time	Equipment or Materials	Quantity		
12-2-	82	Petrochem did not bring any	other		
		equipment on site (as of 12	2-1-82)		
		Envirite Lab had a Vac true	ck on site		
		(subcontractor)			
		Duckett Disposal, Inc. had	a dumpster on site.		
		(subcontractor)			
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Date	Time	Equipment or Materials	Entering Site	Ouantity
2-3-8	2	Petrochem did not bring any a	additional equipment	
		on site as of 12-1-82.		<u> </u>
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£ DUIP	Work Site: Danville Pl Site/Spill No.:	e Plating		
Date'	Time	Equipment or Materials	s Entering Site	Quantity
12-6-	82	NONE	·	
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Date Time Equipment or Materials Entering Site Dountity 2-7-82 NONE	EDUIPMENT AND EXPENDABLE MATERIALS ENTRY LDG Work Site: Danville Plating Site/Spill No.:						
	Date	Time	Equipment or Materials Entering Site Ouantity				
	2-7-8	2	NONE				
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E DUIP	EDUIPMENT AND EXPENDABLE MATERIALS ENTRY LDG - Work Site: Danville Plating Site/Spill No.:					
Date	Time	Equipment or Materials Enter	ing Site	Ouantity		
12-8-8	2	Pallet of lime		,		
<u> </u>		1) 16 Lbs. of crystal chloring	е .			
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E DUIP	EDUIPMENT AND EXPENDABLE MATERIALS ENTRY LOG Work Site: Danville P					
Date	Time	Equipment or Paterials	Entering Site	Duanti ty		
12-9-	B2	Returned chlorine				
	1	Returned 32 bags of lime				
	1					
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EDUIPH	EDUIPMENT AND EXPENDABLE MATERIALS ENTRY LOG - Work Site: Danville Plating Site/Soill No.:					
Date	Time	Equipment or Materials Entering Site	Ouanti ty			
12-10	8:25A	Vacuum truck leaves site				
12-10	8:45A					
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EDUIP	EDUIPMENT AND EXPENDABLE MATERIALS ENTRY LOG Work Site: Danville Pla Site/Spill No.:					
Date	Time	Equipment or Materials Entering Site	Duantity			
12-13	11:30	Drums were removed from site				
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ENTRY AND EXIT LOGS

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	PERSI	DNNEL E	NTRY_AND EXIT LOG	Work Site:	Danville Plating 2-1-82]
		<u> </u>		!		
	1.	ime				
	In	Out	Name		Representing	
	0800	<u> </u>	Petrochem Crew (8)	Petroc		_
·	"	1601	1) L. Paulich	11	11	
,	"	1600	2) M. Case	. 11	TI .	
	11	1800	3) R. Vercellotte	11	11	_
, '		1400	4) Ric. DeHoyos	11	11	_
	11	1530	5) E. Pyttinski	11		_
-	"	1530	6) B. Hamilton	11		_
•	11	1_530	7) T. Paulich	11	# -	_
	"	1530	8) J. Young	11	-	_
	"	1615	Jeff Stofferahn	Weston-S	Sper- TAT	_
		1615	Mark Henke	H		
	"	1300	Bill Simes	U.S. EPA		4.
	1000		Mr. Schaffer	City of	Danville	-{
•		1615	Geoff Langley	Illinois		-{
	1030 1030	!i	Harold Caldwell	Danville "	School Board	-{
	<u> </u>		Raymond Scarce			-
	1220	1245	Larry Lessen		Attorney	-
				Owner of	property	-
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PERSO	ONNEL EI	NTRY_AND EXIT LOG	Work Site: Danville Plating
Ti	.me		
În	Out	Name	Representing
0800	1600	Petrochem Crew	Petrochem
11	11	1) L. Paulich	11 11
"	ff	2) M. Case	n n
"	11	3) R. Vercellotte	11
**	*1	4) R. DeHoyos	11 11
11	ŦŦ	5) E. Pyttinski	. 11
"	11	6) B. Hamilton	11
11	. 11	7) T. Paulich	11 11 -
11	11	8) J. Young	11 11
11	11	J. Stofferahn	Weston-SPER-TAT
11	11	M. Henke	11 11
0900	11	Bill Simes	U.S. EPA
4	1200	Mr. Schaffer	City of Danville
"		Bill Darner	u u
11	1200	Duckett Disp. Driver	11 11
0830		Envirite Lab Driver	11
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Name Name Representing Name Name Representing	Work Site: 12-3-82 Plating Date:		
In Dut			
	_		
" " 8) R. DeHoyos " " " Jeff Stofferahn Weston-SPER- TAT " " Mark Henke " " " " Bill Simes U.S. EPA " " Mr. Darner City of Danville			
"	•		
"			
" Mark Henke			
" " Bill Simes U.S. EPA " " Mr. Darner City of Danville			
" Mr. Darner City of Danville			
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PERSO	ONNEL EI	NTRY AND EXIT LOG	Work Site: Danville Plating Date: 12-6-82
Ti	ime		
In	Out	Name	Representing
0400	1600	Petrochem Crew (8)	Petrochem
11	11	l) L. Paulich	tt t
11		2) M. Case	11 11
91	"	3) R. Vercellotte	ıı ıı .
11	11	4) E. Pyttinski	11 11
11	11	5) B. Hanilton	11 11
17	191	6) T. Paulich	11
11	11	7) R. Jungles	11
17	,,	8) R. Blanton	11 11
1145	1600	K. Pierard	Weston-SPER- TAT
11	. 11	D. Ballotti	11 11
0830	1600	Bill Simes	U.S. EPA
11	11	Mr. Martin	Danville Security
0800	11	Bill Darner	ESDA
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	PERSO	NNEL EI	NTRY_AND EXIT LOG	Work Site: Danville Plating Date: 12-7-82	
	Ti	me			
	In	Out	Name	Representing	
	0800	1600	Petrochem Crew (8)	Petrochem	
	. !!	71 .	1) L. Paulich	11 11	
	17	111	2) M. Case	n / / n	
	"	11	3) R. Vercellote	11 11	•
	-,-	11	4) E. Prylewski	11 11	
	-11	11	5) B. Hamilton	11 11	
		11	6) T. Paulich	11 11	
-	,,	11	7) R. JUngles	11 11 -	
	,, .	***	8) R. Blanton	п	
	0800	1550		Weston-SPER- TAT	
	11	11	D. Ballotti	n 'n	
	0900	1530	Bill Simes	U.S. EPA	,
•	17	11.	Bill Darner	ESDA	
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PERSI	ONNEL EI	NTRY_AND EXIT LOG	Work Site: <u>Danville Plating</u> Date: <u>12-8-82</u>
Т.	Time		
In.	Out	Name	Representing
0730	1620	7	
11	1630 "	Petrochem Crew (7) 1) L. Paulich	Petrochem "
11	"	2) R. Vercellotti	11 11
11	"	3) E. Pytlewski	п
11	11	4) B. Hamilton	11 11
11	"	5) T. Paulich	" "
11	11	6) R. Jungles	11 11
11	11	7) R. Blanton	11 . 11 -
0800	1700	K. Pierard	Weston-SPER TAT
11	11	D. Ballotti	н н
11	. "	B. Simes	U.S. EPA
11	11	B. Darner	ESDA
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PERSO	ONNEL E	NTRY AND EXIT LOG	Work Site: Danville Plating
,			Date: 12-9-82
Ti	me .	Kame	Representin g
In	Out	Kame	nepresentin g
0730	1600	Petrochem Crew (7)	Petrochem
'''	11	1) L. Paulich	11
11	11	2) R. Vercellote	11
11	11	3) E. Pytlewski	11 11
11	11	4) B. Hamilton	11 11
"	"	5) T. Paulich	п
"	11	6) R. Jungles	11 11
11:7	11	7) R. Blanton	n n -
0800	11	K. Pierard	Weston-SPER-TAT
,,	"	D. Ballotti	11 11
0900	11	D. Simes	U.S. EPA
11	TT .	B. Darner	ESDA
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	PERSONNEL E	NIRY AND EXIT LOG	Work Site: Danville Plating Date: 12-10-82	
	Time			
•	In Out	Name .	Representing	
	0730 1000	Petrochem Crew (7)	Petrochem	
	11 11	l) L. Paulich	" "	
	11 11	2) R. Vercellotte	" "	
	11 11.	3) E. Pylewski	п п	
	11 11	4) B. Hamilton	n u	
`	11 11	5) T. Paulich	п	
	11 11	6) R. Jungles	11	
-	11 11	7) R. Blanton	и и -	
	0800 1000	K. Pierard	Weston-Sper -TAT	
	11 11	D. Ballotti	11	
	0800 0915	B. Simes	U.S. EPA	
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PERSONNET	ENTRY AND EXIT	LOG		Work Site:	Danville Plating 12-13-82
Time					
In Ou	t	Name			Representing
0400 153	0 R. Jungle	s		Petrochem	1
0400 120	O B. Hamilt	on		11	11
0730 113	0 R. Blanto	n		11	11
1145 154	5 K. Pierar	d		Weston-SF	PER-TAT
	. 1	·	· · · · · · · · · · · · · · · · · · ·	<u> </u>	
			<u> </u>		· · · · · · · · · · · · · · · · · · ·
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DAILY CERCLA WORK ORDERS

CERCLA DAILY WORK URDER	Fage 1 of 1
Work Site: Danville Plating 68	95-0052 Site/Spill No.:
location and Region: Danville, IL Region V	Date: 11/29/82 Shift:
Contractor: Petrochem	On-Site Representative:
1. MONI	DR(S)
Bill Simes, OSC/U.S. EPA	
	chio (TAT) Ecology and Environment
	RK TO BE PERFORMED
Set up command post, pick up drainage system, commence so	debris, secure area, set up olidification in west room.
3. AMENDMENTS (Inc)ude Time	and Authorizing Person)
in the second se	
4. NUMBER OF PERSO	INNEL AUTHORIZED
1 Supervisors 2 1 Laborers	Foreman Other (Specify): 3 Operators
5. EDUIPMENT AND EXPENDABLE	E MATERIALS AUTHORIZED
Item Quantity	Jitem Duantity
Level C Protection 2/man/da	l l
I certify that the above work is ordered and authorized by the contractor in the performance of the above cited contract.	I fully understand my obligation to the EPA in the conduct of my contract, and as directed by the confines of this Work Order.
Signature of Oscientesive:	Signature of Contractor's Effresentative:

CERCLA DAILY WORK ORDER			Page 1 of _1				
Work Site: Danville Plating Company	ract No.: 05-0052	Site/Spill	No.:				
Location and Region: Danville, Il	linois	Date: 11-30	Shift: 1	· .			
Contractor: Petrochem Services	, Inc.	On-Site Represent William W. S					
1.	1. MONITOR(S)						
Lisa Perenchio	Lisa Perenchio						
Scott McCone							
2. DESCRIPTI	ON OF WORK	TO BE PERFORMED					
A. Solidify and/or place	contami	nated solids pre	sent in wes	st room in			
55 gallon drums for d	isposal.	<u> </u>	<u></u>	·			
B. Decontaminate walls a							
C. Decontaminate contain		<u>debris in west r</u>	oom and rem	nove			
material from buildin				 			
D. Commence solidificati E. Maintain site securit		·					
F. Maintain site securit		· ·		·			
1. Harneagn Site Safety	pran.						
·							
							
3. AMENDMENTS (Incl)	udo Timo d	and Authorizing Perso					
3. AFIENDRENTS (THET)	ude ilme a			· · · · · · · · · · · · · · · · · · ·			
	· · · · · · · · · · · · · · · · · · ·						
			·	·			
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			·				
							
			=	·			
4. NUMBER	OF PERSON	NEL AUTHORIZED	·				
2 Supervisors		Foreman	_3_	Operators			
2 Laborers		Other (Specify):	x. Police	· · · · · ·			
5. EQUIPMENT AND E	EXPENDABL E	MATERIALS AUTHORIZE					
· Item Cu	uantity	Item		Quantity			
Vacuum truck	1	Protective cloth	ing	14			
Lights w/ generators	2	55 gallon drums		60			
Bobcat loader	1	Utility truck		1			
Compressor w/hose	1	Box van		1			
Cement Mixer	1	Crew Vehicles		3			
Pumps w/hose	2	Scaff oldi ng		. 1			
Decon trailer	1						
I certify that the above work is ordered and authorized by the contractor in the performance of the above cited contract. I fully understand my obligation to the EP/ in the conduct of my contract, and as directed by the confines of this Work Order							
Signature of OSE Representative: Signature of Contractor's Representative:							

CERCLA DAILY WORK ORDER	· . · · · · · · · · · · · · · · · · · ·		Page 1 of 1	_			
Work Site: Danville Plating Co.		95-0052	Site/Spill	No.:			
Location and Region: Danville, Illinois	- N	Date: 12/1/82	Shift: 1				
Contractor: Petrochem Services, Inc.		On-Site Represent William W. S	ative: imes				
1.	MONITO	OR(S)					
Mark Henke							
Jeff Stofferahn							
2. DESCRIPTION OF WORK TO BE PERFORMED							
A. Decontaminate walls	and floor	of west room and	collect wa	sh water			
in west room.			· · · · · · · · · · · · · · · · · · ·				
B. Decontaminate contain collect wash water.	ners, debr	is and wood in the	ne east roo	m and			
C. Remove material from	building						
D. Maintain site securi							
E. Maintain Site Safety							
	·						
Petrochem crew dismantled	the wood	scaffolding with	in the buil	ding. The			
floors , walls, and ceili	ng were sp	rayed with Cl so	olution (to	r cleaning			
3. AMENDMENTS (In	clude Time a	and Authorizing Perso	on)				
	· · · · · · · · · · · · · · · · · · ·						
4. NUMB	ER OF PERSON	NEL AUTHORIZED					
							
2 Supervisors 2 Laborers		Foreman Other (Specify):	3	Operators			
7 Laborers		other (specify):	Aux. Police]			
5. EQUIPMENT AN	D EXPENDABLE	MATERIALS AUTHORIZE	[D				
Item	Quantity	Item		Quantity			
Vacuum truck		Protective clo	thing				
	2	_Utility truck_					
Bobcat loader		Box van	· · · · · · · · · · · · · · · · · · ·				
Compressor w/hose	1 1	Crew vehicles	· · · · · · · · · · · · · · · · · · ·				
Pumps w/ hose DeCon trailer		Scaffolding	· · · · · · · · · · · · · · · · · · ·				
neum trailer	77						
I certify that the above work is ordered and authorized by the contractor in the performance of the above cited contract. I fully understand my obligation to the EPA in the conduct of my contract, and as directed by the confines of this Work Order.							
Signature of OST Representative:		Signature of Contrac	tor's Represe	ntative:			
Mullan en pupa Valouro W. Core							

CERCLA DAILY WORK ORDER		_	Page 1 of 1
Work Site: Danville Plating Co.	Cesti	95±0052	Site/Spill No.:
Location and Region: Danville, Il Region I		Date: 12/2/82	Shift:
Contractor: PETROCHEM		On-Site Represent	ativ e: Bill Simes
1.	' MONITO	OR (S)	·
Weston-Sper TAT	-		
2. Acid vats will be bulked and be decontaminated. Building contaminated with a CL soldebris.	ig walls	, ceiling and fl	oors will be de-
3. AMENDMENTS (Inclu	de Time a	nd Authorizing Perso	on)
		<u> </u>	<u> </u>
		· · · · · · · · · · · · · · · · · · ·	
4. NUMBER	OF PERSON	NEL AUTHORIZED	
2 Supervisors 5 Laborers		Foreman Other (Specify):	Operators
5. EQUIPMENT AND EX	XPENDABLE	MATERIALS AUTHORIZE	CD .
Vac truck #270	antity	Air compressor,	Quantity
#6 van		Bobcat	miner; pump
Pick up truck #9		2" double dia pu	mp
Trans vehicle		6-sec hose (2)	
Vehicle #7		Respiratory syst	em
Decon trailer	!	Scaffolding	
Van #377		Generator & Ligh	
I certify that the above work is ordered and authorized by the contractor in the performance of the above cited contractor.	the .	in the conduct of my	ny obligation to the EPA contract, and as ines of this Work Order.
Signature of 051 tepresentative:	(A)	Signature of Contract	tor's Representative:

CERCLA DAILY WORK ORDER			Page 1 of <u>1</u>		
Work Site: Danville Plating	Cont 69	ract No.: -95-0052	Site/Spill No.:		
Location and Region: Danville, Il Region	V	Date: 12/3/82	Shift:		
Contractor: PETROCHEM		On-Site Represent	ativ e: Bill Simes		
1.	MONIT	DR(S)			
Wesron-Sper TAT					
·					
2. DESCRI	PTION OF WOR	K TO BE PERFORMED			
Acid vats will be bulked	and dieno	sed Site mainter	sance will carry on		
			dice with carry one		
					
3. AMENDMENTS (I	nclude Time	and Authorizing Perso	on)		
					
		<u> </u>			
4. NUM	BER OF PERSO	NNEL AUTHORIZED			
2 Supervisors 5 Laborers	1	Foreman Other (Specify):	Operators		
5. EQUIPMENT A	ND EXPENDABLE	E MATERIALS AUTHORIZE	D		
Item	Quantity	Item	Quantity		
Vac truck #270		Air compressor,	mixer, pump		
Van #6 Pick up truck #9		scaffolding Bobcat			
Trans vehicle		2" double Dia pu	mp		
Vehicle #7		6-sec hose (2)			
Decon trailer		Respiratory syst			
Van #377		Generator & ligh			
I certify that the above work is ordered and authorized by the contractor in the performance of the above cited contract. I fully understand my obligation to the EPA in the conduct of my contract, and as directed by the confines of this Work Order.					
Signature of OST Effesentative:		Signature of Contract	tom's Representative:		
/////Well-100-00	no	- Macion C	1 (4-21)		

CERCLA DAILY WORK DRDER	\		Page 1 of _	L	
Work Site: Danville Plating Co.		tract No.: -95-0052	Site/Spill!	Yo.:	
Location and Region: Danville, Illinois		Date: 12-6-82	Shift: 1		
Contractor: Petrochem Services, Inc.		On-Site Represent William Simes	ative:		
1.	MONI	TOR(S)			
Doug Ballotti					
Kevin Pierard					
1	IPTION OF WO	RK TO BE PERFORMED			
A. Compatability study	on drums				
B. Take samples from va	ts & drums	for analysis			
C. Clean and neutralize	floor wit	h bleach and coll	ect runoff.		
D. Clean vats, TAT test		acid after cleani	ng for Cn g	as.	
E. Maintain site securi F. Maintain site safety				···	
F. Maintain site safety	pran				
			 		
			· · · · · · · · · · · · · · · · · · ·		
	 				
<u> </u>					
3. AMENDMENTS (Include Time	and Authorizing Perso	on)	·	
l .					
					
4. NUN	MBER OF PERSO	INNEL AUTHORIZED	<u> </u>		
2 Supervisors 2 Laborers	_1	Foreman Other (Specify):	_3_	Operators	
5. EQUIPMENT	NND EXPENDABL	E MATERIALS AUTHORIZE	D		
Item	Quantity	Item		Quantity	
Vacuum truck	<u> </u>	Compressor w/hos	e l	1	
Vans	1 1	Bobcat loader		1	
Pick up truck DeCon trailer	1	Generator w/ligh Scaffolding	TS I	1	
Crew vehicles	2	Protective cloth	ino		
Pump w/hose	2	Respiratory syst			
Cement mixer	1	Draeger			
I certify that the above work is ordered and authorized by the contractor in the performance of the above cited contract. I fully understand my obligation to the EPA in the conduct of my contract, and as directed by the confines of this Work Order.					
Signature of OSE Representative:		Signature of Contract		ntative:	
I VV VILLENTIA		1- 11/101/100 L	- · · ·		

CERCLA DAILY WORK ORDER			Page 1 of <u>1</u>	_ :					
Work Site: Danville Plating Co.	Cont 6	ract No.: 8-95-0052	Site/Spill N	lo.:					
Location and Region: Danville, Illinois	· · · · · · · · · · · · · · · · · · ·	Date: 12/7/82	Shift:						
Contractor: Petrochem Services, Inc	•	On-Site Represent William Simes	ative:	· · · · · · · · · · · · · · · · · · ·					
1.	TINOM	OR(S)							
Doug Ballotti									
Kevin Pierard									
2. DESCRIPTION OF WORK TO BE PERFORMED									
A. Clean vats with water	er and blea	ach							
B. Acid test Vats for (Cn-gas	· · · · · · · · · · · · · · · · · · ·	·.	·					
C. Collect solids from vats and put in overpacks with lime and bleach.									
D. Clean and neutralize E. maintain site secur		oleach, collect r	unorr						
F. Maintain site safety		 							
				·					
									
			·						
3. AMENDMENTS (1	Include Time	and Authorizing Pers	on)						
	· · · · · · · · · · · · · · · · · · ·								
		·							
		<u> </u>	 						
4. NUM	BER OF PERSO	NNEL AUTHORIZED							
1 Supervisors 2 Laborers	<u>1</u> -1-	Foreman Other (Specify):	Aux. Police	Operators					
5. EQUIPMENT	ND EXPENDABL	E MATERIALS AUTHORIZE	ED ·						
Item	Quantity	Item	· ·	Quantity					
Vacuum truck	1	Compressor w/h	ose	1					
Vans	2	Bobcat loader		1					
Pickup truck DeCon trailer	$\frac{1}{1}$	Generator w/li	gnts	1					
Crew vehicles	2	Scaffolding Protective clo	thing !						
Pumps w/hoses	2	Respirator sys							
Cement mixer	1	Draeger							
I certify that the above work is and authorized by the contractor performance of the above cited or	in the	I fully understand in the conduct of my directed by the cond	y contract, and	as					
Signature of OSC depresentative:	//	Signature of Contrac	ctor's Represen	ntative:					
Mellian M.	Millian Miller Mario V. Core								

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CERCLA DAILY WORK ORDER			Page 1 of 1						
Work Site: Danville Plating Co.		ract No.: -95-0052	Site/Spill No.:						
Location and Region: Danville, Illinois		Date: 12/8/82	Shift: 1	·					
Contractor: Petrochem Services	· · · · · · · · · · · · · · · · · · ·	On-Site Represent William Sir	ative: nes						
1.	MONITO	OR(S)							
Doug Ballotti	Doug Pallatti								
Kevin Pierard				•					
	IDIION OF LOOK	(TO BE PERFORMED	·						
A. Remove solid was and chlorine.	te from ren	naining vats put	into drums wi	th lime					
B. Clean and neutra									
C. Monitor reactions of Cl and solid waste in drums for Cn.									
D. Acid test vats f E. Begin neutraliza									
F. Maintain site sa									
G. Maintain site se									
	-	·							
									
3. AMENDMENTS (1	Include Time a	nd Authorizing Perso	on)						
	· · · · · · · · · · · · · · · · · · ·								
			<u> </u>						
	 								
4. NUM	IBER OF PERSON	NEL AUTHORIZED							
1 Supervisors 2 Laborers	1_1_	Foreman Other (Specify): _A	_3_ 0; ux. Police	perators					
5. EQUIPMENT A	ND EXPENDABLE	MATERIALS AUTHORIZE	CD .						
Item	Quantity	Item		Duantity					
Vacuum truck	1 -	Compressor w/ho	se	_1					
Vans	2	Bobcat loader							
Pickup truck DeCon trailer	1	Generator w/lig Scaffolding	nts						
Crew vehicles	2	Protective clot	hing						
Pumps w/hoses	2	Respiratory system							
Cement mixer	1	Lime and Chlori							
I certify that the above work is and authorized by the contractor performance of the above cited c	in the	I fully understand m in the conduct of my directed by the conf	contract, and a	as					
Signature of OST Representative:		Signature of Contrac	tor's Representa	tive:					
Willia Willen Marion 12. Core									

CERCLA DAILY WORK ORDER			Page 1 of _	L_			
Work Site: Danville Plating Company		ract No.: -95-0052	Site/Spill	No.:			
Location and Region: Danville, Illinois	e e	Date: 12/9/82	Shift:	1			
Contractor: Petrochem Services		On-Site Represent					
1.	MONIT	DR(S)					
Doug Ballotti							
Kevin Pierard		· · · · · · · · · · · · · · · · · · ·		· · · · · · · · · · · · · · · · · · ·			
2. DESCR	IPTION OF WOR	K TO BE PERFORMED					
A. Neutralize building	floor						
B. Acid check floor dor	Cn	-	4 7				
C. Mix soil at south en	d of build	ing w/lime and bl	each				
D. Decon equipment	·						
E. Maintain site securi	ty						
F. Maintain site safety	plan		. !				
	<u></u>						
							
			-				
T Alemania	, , -		-\				
3. AMENDMENTS (1	include lime a	and Authorizing Perso	on)	·			
				· · · · · · · · · · · · · · · · · · ·			
			······································				
		· · · · · · · · · · · · · · · · · · ·		<u> </u>			
	<u> </u>			· · · · · · · · · · · · · · · · · · ·			
4. NUM	BER OF PERSON	NEL AUTHORIZED					
J Supervisors Z Laborers	<u>-1</u> _	Foreman Other (Specify): Au	ıx. Police	Operators			
5. EQUIPMENT A	ND EXPENDABLE	MATERIALS AUTHORIZE	D				
Item	Quantity	Item		Duantity			
Vacuum truck	1	Compressor w/ho	se	1			
Vans	2	Bobcat loader		1			
Pickup truck	1	Generator w/lig	hts	1			
Decon trailers	1	Scaffolding					
Crew vehicles	2	Protective clothing Respiratiry system					
Pumps w/hoses Mixer	rem						
	1	Draeger					
I certify that the above work is and authorized by the contractor performance of the above cited c	in the :	I fully understand m in the conduct of my directed by the conf	contract, an	d as			
Signature of DSS topresentative:		Signature of Contrac	tor's Represe	ntative:			
Millian William Marion U. Cosp							

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CERCLA DAILY WORK ORDER	-		Page 1 of _	<u>l_</u> ·,				
Work Site: Danville Plating Co.		Contr	act No.: 5-0052	Site/Spill No.:				
Location and Region: Danville, Illinois			Date: 12/10/82	Shift:	L			
Contractor: Petrochem Services	· · · · · · · · · · · · · · · · · · ·	· .	On-Site Represent William	ative: Simes				
1.		MONITO	IR(S)					
Doug Ballotti								
Kevin Pierard								
2. DESCR.	IPTION C	F WORK	TO BE PERFORMED					
								
B. Remove most of equi		· ————						
21 Iomove more of equipment								
			·					
		· ·			· · · · · · · · · · · · · · · · · · ·			
								
								
			· · · · · · · · · · · · · · · · · · ·					
3. AMENDMENTS ()	Include	Time a	nd Authorizing Perso					
J. 70 E. 10 E. 1415 (1								
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			· · · · · · · · · · · · · · · · · · ·		· · · · · · · · · · · · · · · · · · ·			
								
	 -							
4. NUM	1BER OF	PERSON	NEL AUTHORIZED	· .				
1 Supervisors 1 Laborers		1	Foreman Other (Specify): _A	_3 oux. Police	Operators			
5. EQUIPMENT A	ND EXPE	NDABLE	MATERIALS AUTHORIZE	D				
Item	Quant	ity	Item		Ouantity			
Vacuum truck	1		Compressor w/hos	e	1			
_ Vans	2		Bobcat loader		11			
Pickup truck			Generator w/ligh	ıts	1			
Decon trailer	1		Scaffolding					
Crew vehicles	2		Respiratory syst					
Pumps w/hoses Mixer	1		Protective cloth	ing.	·			
I certify that the above work is and authorized by the contractor performance of the above cited c	in the	d]	I fully understand m in the conduct of my directed by the conf	contract, an	das l			
Signature of OSC Representative:		·	Signature of Contrac	11 71	ntative:			
1//////////////////////////////////////	Per	$>$ $ \cdot $	Warin ()	· conf	,			

CERCLA DAILY WORK ORDER			Page 1 of _	1
Work Site: Danville Plating Co.		ract No.: 95-0052	Site/Spill	No.:
Location and Region: Danville, Illinois	· · · · · · · · · · · · · · · · · · ·	Date: 12/13/82	Shift:	·
fontractor: Petrochem Services		On-Site Represent William S	stive: imes	
1.	MONIT	DR(S)		-
Kevin Pierard			-	•
			· · · · · · · · · · · · · · · · · · ·	
2. DESCRI	PTION OF WOR	K TO BE PERFORMED	:	
A. Remove Drums				
<u> </u>		·	 	
			<u> </u>	
	<u> </u>			
		<u> </u>		
				
3. AMENDMENTS (I	nclude Time :	and Authorizing Pers	on)	
				·
		·		
A. NUM	BER OF PERSON	NEL AUTHORIZED		
Supervisors 3 Laborers		Foreman Other (Specify):		Operators
5. EQUIPMENT A	ND EXPENDABLE	MATERIALS AUTHORIZ	ED "	
Item	Quantity	Item		Quantity
Pickup truck	1	· · · · · · · · · · · · · · · · · · ·		
Van Bobcat	$\frac{1}{1}$	· · · · · · · · · · · · · · · · · · ·		
Dobcac				
	,			
I certify that the above work is and authorized by the contractor performance of the above cited contractor	in the	I fully understand in the conduct of m directed by the con	y contract, an	d as
Signature of OST Depresentative.		Signature of Contra		ntative:
WUSULIUM EUS	Charles !	Marion L	· rome	> 1

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CERCLA DAILY WORK SADER			Page 1 of				
Work Site: Danville Plating	Conty	58-55-0052	Site/Spill No.: 1				
tocation and Region: Danville Regi	Illinois on V	Date: 12/14/82	Shift: 1				
Contractor: PETROCHEM SERVIC	ES	On-Site Represent	ative: None				
1.	MONITO	OR(S)					
			٧ .				
2. DESCRIPTION OF WORK TO BE PERFORMED							
A. Datum from Cooks disposal facility							
Return from Cecos disposal facility							
•	·						
		·					
3. AMENDMENTS (In	clude Time a	and Authorizing Pers	on)				
		· · · · · · · · · · · · · · · · · · ·					
	·						
		· · · · · · · · · · · · · · · · · · ·					
4. NUMBI	ER OF PERSON	NEL AUTHORIZED					
Supervisors 1 Laborers		Foreman Other (Specify):	Operators				
5: EQUIPMENT AN	D EXPENDABLE	MATERIALS AUTHORIZE	ED .				
Item Van #377	Ouantity	Item	Duantity				
VCAA B J / /							
and authorized by the contractor :	I certify that the above work is ordered and authorized by the contractor in the performance of the above cited contract. I fully understand my obligation to the EPA in the conduct of my contract, and as directed by the confines of this Work Order.						
Signature of OSO Representative:	levis	Signature of Contract	tor's Representative:				

CIPCLA CAILY NORK CHOER			Page 1 of 1
Work Site: Danville Plating	Cont 68-	ract No.: 95-0052	Site/Spill No.:
location and Region: Danville,	IL	Date: 12-21-82	Shift:
Contractor: Petrochem		On-Site Represent	ative:
1.	TINCM	DR (5)	
None			
2. DESCRI	RCW 30 MOLTS	K TO BE PERFORMED	
Delivery of product zinc	cyanide to	o Chicago Modern	Plating, 3029
West Rockwell.			
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	• • • • • • • • • • • • • • • • • • • •		
3. AMENDMENTS (In	aclude lime	and Authorizing Pers	on)
		and nother languages	5.17
	1		
			· v
4. NUME	BER OF PERSON	NNEL AUTHORIZED	
Supervisors Laborers		Foreman Other (Specify):	Driver Operators
5. EQUIPMENT AN	ND EXPENDABLE	MATERIALS AUTHORIZ	ED
Item	Quantity	Item	Ouantity
Truck #8	1	· · · · · · · · · · · · · · · · · · ·	
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		· · · · · · · · · · · · · · · · · · ·	
		· · · · · ·	
I certify that the above work is and authorized by the contractor performance of the above cited co	in the	in the conduct of m	my obligation to the EPA y contract, and as fines of this Work Order.
Signature of OSC perfesentative:		Signature of Contra	ctor's Pepresentative:

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INCIDENT OBLIGATION LOG

INCIDENT OBLIGATION LOG PAGE 1 of 2									
(1) Incident Name or Site Number DANVILLE PLATING COMPANY	(2) Total Amount Approved \$ 50,000								
(3) Daucription of Obligation (Yendor Name) PETROCHEM SERVICES	(4) Document Control	(5) Date	(6) Amount	(7) Nulance					
			2,166.80	2,166.80 3,417.80					
		11-29-82	6,570.49	9,988.29					
		11-30-82	5,012.59	15,000.88					
		12-01-82	5,826.81	20,827.69					
		12-02-82	6,569.55	27,397.24					
		12-03-82	5,127.42	32,524.66					
		12-06-82	20,549.40	53,074.06					
ADDITIONAL \$30,000 APPROVED		12-07-82	4,367.27	57,441.33					
		12-08-82	4,760.73	62,202.06					
		12-09-82	4,250.60	66,452.66					
	·	12-10-82	3,767.50	70,220.16					
		12-13-82	10,183.96	80,404.12					
		12-14-82	594.30	80,998.42					

	12-14-82 594.30 80,998.4
Mack Number	Instructions:
(1)	the incident name or site/spill number.
(2)	Tutal approved amount is entered from the POLRCP.
(3)	Write a abort description of the obligation (i.e., "Contract with ABC Cosp." or P.D. for Field Supplies"). Enter decumer obligation number if known.
(4)	Enter the document control number in sequence from the block of numbers obtained for the site/incident.
(5)	Enter the date on which you incurred the expense.
(6)	Enter the empunt of the obligation. Subtract from line 2 and enter balance on line 7.

•					
	INCIDENT DULIGAT	ION LOC PA	GE 2 of 2		
	(1) Incident Name or Site Number DANVILLE PLATING COMPANY	(2) Yotal Amount Appro		00	
	(3) Daucription of Obligation (Vundor Name) PETROCHEM SERVICES	(4) Document Control	(5) Date	(6) Amount	(7) Bulunce
			12-21-82	143.60	81,142.02
	TOTAL COST		·		81,142.02
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HOCK NUMBER	INSTANCTIONS!
(1)	the incident name or mite/mpili number.
(2)	lutal approved amount is entered from the POLRCP.
(3)	Write a short description of the chligation (i.s., "Contract with ADC Corp." or P.O. for field Supplies"). Enter decument obligation number if known.
(4)	Enter the ducument control number in sequence from the block of numbers ubtained for the site/incident.
(5)	Enter the date on which you incurred the expense.
(4)	Enter the mount of the obligation. Subtract from line 2 and anter balance on line 7.

1900 - 55 FORMS

TRANSPORTATION RELATED DOCUMENTS

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•			PETROCI	he m (Name	Ser of Christ	VICA	(SCAC)	D	ate <u>/2</u> -	10-	82
as otherwise prov	ry shipmer ided in Iter	n 430, Sec. 1.	ORN Plating must appear before consignee's no Rock we		D	אוטאב	EPA Plati	-			
-	129	90 7				_	Id ST	•			
Route									Vehicle Number	#9	
No. of Units Container Type	нм		DESCRIPTION AND CLASSIFIC (Proper Shipping Name, Class cation Number per 172.101, 17	s and) 3	UN# OF NA#	TOTAL QUANTITY (Weight, Volume, Gallons, etc.)	(Su	EIGHT bject to rection)	RATE	CHAR (For C
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Note—Where the rate a required to state speciared value of the pro. The agreed or declared specifically stated by the	cifically in w party. I value of the	filing the agreed or property is hereby	This is to certify that the above-name properly classified, described, peckaged labeled and are in proper condition for according to the applicable "Bylations of I Transportation."		following states The carrier st	ithout racourse on nent: half not make deli ther lawful charge	Itions, if this shipment is to be the consignor, the consignor s very of this shipment without s. are of Consignor)	hall sign the	TOTAL CHARGES; FREIC FREIGHT PREPA except when box right is checked	. at _ r	ARGES
Bill of Ladin and conditi indicated ab as meaning to carry to it	g, the propi on of conf ove which a any person s usual plai	erty described above in lents of packages un said carrier (the word of or corporation in possi- ce of delivery at said of	nd tariffs in effect on the date of the in apparent good order, except as note inknown), marked, consigned, and coarrier being understood throughout the estion of the property under the contestination, if on its route, otherwise in. It is mutually agreed as to each car	ed (contents destined as this contract tract) agrees to deliver to	any time in shall be sul the date of Shipper I the governi	terested in all bject to all the b shipment. hereby certifies ing classification	all or any portion of said ro or any said property, that ill of lading terms and co that he is familiar with all on and the said terms an himself and his assigna.	every servinditions in the bill of	ice to be perfo the governing o lading terms a	rmed here classificati nd conditi	ion on ions in
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ORIGINAL—NOT NEGOTIABLE

Shipper No.

FO BE COMPLETED BY WASTE GENERATOR

DISTRIBUTION: PART - 1 GENERATOR - PART - 2 IEPA

PART - 3 SITE

PART - 4 HAULER

STATE OF ILLINOIS

ENVIRONMENTAL PROTECTION AGENCY DIVISION OF LAND POLLUTION CONTROL 2200 CHURCHILL ROAD, SPRINGFIELD, ILLINOIS 62706 (217) 782-6760

071315{
Authorization Number 5 21265

	C (2)	AD, SPRINGFIELD, ILLINOIS 62706 217) 782-6760 STE HAULING MANIFEST	Authorization Number 5212	5 3
US EPA	536 50	MARK 31238323	180316000991	/ G
Chicaso City	Address 62	Phone Number.	# 1 1 2 2 000 0 0 0 0 0 0 0 0 0 0 0 0 0 0	7
PETROCHIM SOR PO	BOX 337 Londo.	WASTE HAULER(S)	S.W.H. Registration Number <u>6 / 5 40 /</u>	
		312351-5815 Phone Number	# 1 00 85 34 9 2 0 EPA Number	64
Hauler Name	Hauler Address		S.W.H. Registration Number 32	3
Chin-Chas	DESTINATION — DISI	Phone Number POSAL STORAGE OR TREATMENT SITE Story 75	631 600	5
Chicago City	Address		631 600 Site Number 6202 TLT00060841 EPA Number	B 4
Alternate (Facility Name)	Address		39 Site Number	
City :	State	Zip Phone Number	EPA Number	Sale:
HE SPECIAL WASTE BEING TRANSPORTED UNDER THIS SHIPPING DESCRIPTION: Cyanios Solution	HAZARD CLASS:			
WEIGHT FOR 16,600 LBS TONS (circle one)	WEIGHT FOR I.E.P.A. USE MUS CONVERTED TO CU. YDS. OR G	T BE QUANTITY OF WASTE DELIVERED: 7	0 2 0 0 0 1 CALLONS (Circle 2 CU. YDS.	One)
METHOD OF SHIPMENT (Circle One) (DRU	MS)NUMBER)	OPEN TRUCK OTHER (Specify)		n N
THIS IS TO CERTIFY THAT THE ABOVE-NAMED WASTE A N ACCORDANCE WITH THE APPLICABLE REGULATIONS	ARE PROPERLY CLASSIFIED, DESCRIE OF THE ILLINOIS DEPARTMENT OF T	BED, PACKAGED, MARKED, AND LABELED AND BANSPORTATION AND LEP.A.	IS IN PROPER CONDITION FOR TRANSPORTATION.	
HEREBY AGREE TO AND CERTIFY THE ABOVE WRITTEN	INFORMATION	(Authorized Signature)	DATE: 12-11-82	100
I HEREBY CERTIFY THAT THE THE DESTINATION AS INDIC		UANTITY HAS BEEN ACCEPTED IN PROPER COM	IDITION FOR TRANSPORT AND I ACKNOWLEDGE	
(Authorized Signature) (Authorized Signature)			DATE:	5
ISPOSAL, STORAGE, OR TREATMENT FACILITY*		HAZARDOU	S WASTE SUBJECT TO FEE YES NO	· · ·
HEREBY CERTIFY THAT THE ABOVE-DESCRIBED WAST	E AND INDICATED QUANTITY HAS BI	EEN ACCEPTED AT THE SITE SPECIFIED ABOVE	DATE:	6
COMMENTS OR SPECIAL INSTRUCTIONS:	*			1
IN ILLINOIS: 217 / 782-3637	*24 HOUR EMERGEN	CY AND SPILL ASSISTANCE NUMBERS*	OUTSIDE ILLINOIS: 800 / 424-8802 or 202 / 42	6-26

PART - 5 IEPA PART 6 - GENERATOR

11 532-610 STATE OF ILLINOIS LPC 62 8/81 **ENVIRONMENTAL PROTECTION AGENCY** O BE COMPLETED BY DIVISION OF LAND POLLUTION CONTROL ASTE GENERATOR 2200 CHURCHILL ROAD, SPRINGFIELD, ILLINOIS 62706 (217) 782-6760
SPECIAL WASTE HAULING MANIFEST 5 (/ax/k 3123932318 031600099 Idress Phone Number 14 Generator Number I LE 2 000 00 04 7 # 1 00 8 5 3 4 9 EPA Number Hauler Name Hauler Address EPA Number Phone Number DESTINATION — DISPOSAL STORAGE OR TREATMENT SITE 631600 39 Site Number (0017 312 C46-6202 T1T000 C0 84 Alternate (Facility Name) Zip Phone Number BE COMPLETED BY WASTE GENERATOR (Liquid, Gaseoùs, Solid) WASTE NAME: WASTE PHASE:

E SPECIAL WASTE BEING TRANSPORTED UNDER THIS MANIFEST IS OF THE DOT HAZARD CLASSIFICATION INDICATED IMMEDIATELY BELOW: WASTE PHASE: Cyamios Solution Poison B 00/935
UN or NA Number WEIGHT FOR I.E.P.A. USE MUST BE CONVERTED TO CU. YDS. OR GAL. QUANTITY OF WASTE DELIVERED: O 2 C WEIGHT FOR 16,600 LBS TONS (circle one) ______) TANK TRUCK OPEN TRUCK OTHER (Specify) THIS IS TO CERTIFY THAT THE ABOVE NAMED WASTE ARE PROPERLY CLASSIFIED, DESCRIBED, PACKAGED, MARKED, AND LABELED AND IS IN PROPER CONDITION FOR TRANSPORTATION,
"" ACCORDANCE WITH THE APPLICABLE REGULATIONS OF THE ILLINOIS DEPARTMENT OF TRANSPORTATION AND LETP A. IEREBY AGREE TO AND CERTIFY THE ABOVE WRITTEN INFORMATION WASTE HAULER I HEREBY CERTIFY THAT THE ABOVE-DESCRIBED WASTE AND QUANTITY HAS BEEN ACCEPTED IN PROPER CONDITION FOR TRANSPORT AND I ACKNOWLEDGE (Authorized Signature) (Authorized Signature) SPOSAL, STORAGE, OR TREATMENT FACILITY HAZARDOUS WASTE SUBJECT TO FEE YES

24 HOUR EMERGENCY AND SPILL ASSISTANCE NUMBERS

OUTSIDE ILLINOIS: 800 / 424-8802 or 202 / 426-267

DISTRIBUTION: PART - 1 GENERATOR PART - 2 IEPA PART - 3 SITE PART - 4 HAULER PART - 5 IEPA PART 6 - GENERATOR

CENERATOR CORV. DART 6

JEREBY CERTIFY THAT THE ABOVE-DESCRIBED WASTE AND INDICATED QUANTITY HAS BEEN ACCEPTED AT THE SITE SPECIFIED ABOVE:

(Authorized Signature)

COMMENTS OR SPECIAL INSTRUCTIONS

						, C	arrier N	0	- 1		
72.00		t. 13	lat. (Name	of Carrier)		(SCAC)	Da	ite			
i'O: Consignee			D" must appear before consignee's name▲	FROM: Shipper	*- 1						
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estination			Zip Code	Origin			1				
Route								Vehicle Number			
No. of Units Container Type	нм	Identif	DESCRIPTION AND CLASSIFICATION (Proper Shipping Name, Class and ication Number per 172.101, 172.202, 172.2	03	OF NA#	TOTAL QUANTITY (Weight, Volume, Gallons, etc.)	(Sut	ection)	RATE	CHAR (For Ca Use O	
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Note-Where the rate re required to state spi eclared value of the pro-	is dependent scifically in w operty.	on value, shippers riting the agreed or	This is to certify that the above-named materials are properly classified, described, packaged, marked and labeled and are in proper condition for transportation according to the applicable regulations of Jhe Department	Subject to Section 7 of the conditions, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement: The carrier shall not make delivery of this shipment without gayment of fright and all other favoral charges.						V. /	
Note—Where the rate is dependent on value, shippers re required to state specifically in writing the agreed or eclared value of the property. The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding. S					Links III (FREIGHT P						
Bill of Ladi and condit indicated a as meaning to carry to	ng, the prop ion of con bove which any person ts usual pla	erty described above tents of packages said carrier (the word or corporation in pos ce of delivery at said	and tariffs in effect on the date of the issue of this in apparent good order, except as noted (contents unknown), marked, consigned, and destined as carrier being understood throughout this contract seession of the property under the contract) agrees destination, if on its route, otherwise to deliver on. It is mutually agreed as to each carrier of all or	any time i shall be su the date o Shipper the govern	interested in all ubject to all the of shipment. hereby certified ning classificat	rall or any portion of said rou I or any said property, that e bill of lading terms and cond is that he is familiar with all t ion and the said terms and r himself and his assigns.	titions in the bill of	ination and as ce to be perfo the governing lading terms a	to each pormed her classification	tion on	
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Permanent post-offic	ce address	of shipper.			STYLE F-6	0-4 • LABELMASTER •	CHICAC	3O, IL • 606	26 312/9	973-5100	

consignee n Collect on Delivery shipme otherwise provided in Ite reet a pation bute collect on Delivery shipme otherwise provided in Ite reet HM	Identif	Zip Code Zip Code Zip Code DESCRIPTION AND CLASSIFICATION (Proper Shipping Name, Class and ilcation Number per 172.101, 172.202, 172		UN# OF NA#	TOTAL QUANTITY (Weight, Volume, Gallons, etc.)	Vehicle Number WEIGHT (Subject to Correction)	RATE	(For Carrie	
consignee Collect on Delivery shipment otherwise provided in its reet ation	Identif	Zip Code Zip Code Zip Code DESCRIPTION AND CLASSIFICATION (Proper Shipping Name, Class and ilcation Number per 172.101, 172.202, 172	Street Origin	or	(Weight, Volume, Gallons, etc.)	Number WEIGHT (Subject to Correction)	RATE	(For Carrie	
a sation	Identif	DESCRIPTION AND CLASSIFICATION (Proper Shipping Name, Class and ilication Number per 172.101, 172.202, 172	Origin	or	(Weight, Volume, Gallons, etc.)	Number WEIGHT (Subject to Correction)	RATE	(For Carrie	
ute	Identif	DESCRIPTION AND CLASSIFICATION (Proper Shipping Name, Class and ilication Number per 172.101, 172.202, 172	203	or	(Weight, Volume, Gallons, etc.)	Number WEIGHT (Subject to Correction)	RATE	CHARGES (For Carrie Use Only)	
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DRESS	-	1	COD		Amt: \$	PREPAID			
Where the rate is dependent on value, shippers under to state specifically in writing the agreed or divalue of the property. agreed or declared value of the property is hereby clically stated by the shipper to be not exceeding.			Subject to Section 7 of the conditions, if this shipment is the consignee without recourse on the consignor, the consig following statement: The carrier shall not make delivery of this shipment wit freight and all other lawful charges.			I sign the CHARGES	GHT CHA	HARGES Check box if charges	
RECEIVED, subject	to the classifications	and tariffs in effect on the date of the issue of this in apparent good order, except as noted (contents	any of, said	d property over	ature of Consignor) r all or any portion of said rout If or any said property, that er	except when bo right is checked to destination and a	s to each p	are to be collect	
and condition of co- indicated above which as meaning any perso- to carry to its usual pl	ntents of packages u said carrier (the word n or corporation in pos ace of delivery at said	unknown), marked, consigned, and destined as carrier being understood throughout this contract session of the property under the contract) agrees destination, if on its route, otherwise to deliver to on. It is mutually agreed as to each carrier of all or	shall be sul the date of Shipper I the governi	bject to all the f shipment, hereby certifie ing classificat	bill of lading terms and cond as that he is familiar with all the tion and the said terms and or himself and his assigns.	Itions in the governing he bill of lading terms	classificat and conditi	ion on ions in	
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			DATE						

ORIGINAL-NOT NEGOTIABLE

Carrier No.

STYLE F-60-4 • LABELMASTER • CHICAGO, IL • 60626 312/973-5100

				Name of Carrier)	·	(SCAC)	Da	te_/2_	7-	-82	
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ste—Where the rate equired to exists ap and value of the pr e agreed or declar	ecifically in wr operty. Id value of the	riting the agreed or property is hereby	This is to certify that the above-named materials properly classified, described, packaged, marked labeled and are in proper condition for transportal according to the applicable regulations of the Departm	the consignee want following states the carrier si	Subject to Section 7 of the conditions, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement: The cernier shall not make delivery of this shipment without payment of freight and all other lawful charges.					ARGES	
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